

PATENT APPLICATION

WHAT IS CLAIMED IS:

1. A method comprising:
 2. obtaining a first set of information representing an artifact to a first degree of quality,
 3. obtaining a second set of information representing the artifact to a second degree of quality different from the first degree of quality;
 4. determining which of the first set of information and the second set of information represents the artifact to a higher degree of quality and which represents the artifact to a lesser degree of quality;
 5. and
 6. altering the set of information representing the artifact to a lesser degree of quality, based on the set of information representing the artifact to a higher degree of quality.
11. The method as in Claim 1, wherein altering includes performing a Fourier transform analysis on the first set of information and the second set of information.
12. The method as in Claim 2, wherein altering further includes using a phase of the set of information representing the artifact to a higher degree of quality to adjust a phase of the set of information representing the artifact to lesser degree of quality.
13. The method as in Claim 2, wherein altering further includes using a magnitude of the set of information representing the artifact to a higher degree of quality to adjust a magnitude of the set of information representing the artifact to lesser degree of quality.

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1 5. The method as in Claim 1, wherein the first set of information and the
2 second set of information are digital representations of analog
3 images.

1 6. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a scanner.

1 7. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a digital camera.

1 8. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a digital film
3 development system.

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1. A digital film development system comprising:
2. a film processing system, said film processing system including an
3. image capturing station capable of obtaining sets of data
4. representing an image formed in film ; and
5. a data processing system, said data processing system including:
6. a processor;
7. memory operably coupled to said processor; and
8. a program of instructions capable of being stored in said
9. memory and executed by said processor, said program
10. of instructions including instructions for:
11. obtaining a first set of information representing an
12. artifact to a first degree of quality,
13. obtaining a second set of information representing the
14. artifact to a second degree of quality different
15. from the first degree of quality;
16. determining which of the first set of information and the
17. second set of information represents the artifact
18. to a higher degree of quality and which
19. represents the artifact to a lesser degree of
20. quality; and
21. altering the set of information representing the artifact
22. to a lesser degree of quality, based on the set of
23. information representing the artifact to a higher
24. degree of quality.

1. 10. The digital film development system as in Claim 9, wherein said
2. program of instructions includes instructions for performing a
3. Fourier transform analysis on the first set of information and
4. the second set of information.

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1 11. The digital film development system as in Claim 10, wherein said
2 program of instructions includes instructions for using a phase
3 of the set of information representing the artifact to a higher
4 degree of quality to adjust a phase of the set of information
5 representing the artifact to lesser degree of quality.

1 12. The digital film development system as in Claim 10, wherein said
2 program of instructions includes instructions for using a
3 magnitude of the set of information representing the artifact to
4 a higher degree of quality to adjust a magnitude of the set of
5 information representing the artifact to lesser degree of quality.

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1 13. A digital image tangibly embodied in a computer readable medium,
2 said digital image generated according to a method comprising:
3 obtaining a first set of information representing an artifact to a
4 first degree of quality,
5 obtaining a second set of information representing the artifact
6 to a second degree of quality different from the first
7 degree of quality;
8 determining which of the first set of information and the second
9 set of information represents the artifact to a higher
10 degree of quality and which represents the artifact to a
11 lesser degree of quality; and
12 altering the set of information representing the artifact to a
13 lesser degree of quality, based on the set of information
14 representing the artifact to a higher degree of quality.

1 14. The digital image as in Claim 13, wherein altering includes performing
2 a Fourier transform analysis on the first set of information and
3 the second set of information.

1 15. The digital image as in Claim 14, wherein altering further includes
2 using a phase of the set of information representing the artifact
3 to a higher degree of quality to adjust a phase of the set of
4 information representing the artifact to lesser degree of quality.

1 16. The digital image as in Claim 14, wherein altering further includes
2 using a magnitude of the set of information representing the
3 artifact to a higher degree of quality to adjust a magnitude of
4 the set of information representing the artifact to lesser degree
5 of quality.

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- 1 17. The digital image as in Claim 13, wherein the first set of information
- 2 and the second set of information are digital representations of
- 3 analog images.

- 1 18. The digital image as in Claim 13, wherein the first set of information
- 2 and the second set of information are obtained using a scanner.

- 1 19. The digital image as in Claim 13, wherein the first set of information
- 2 and the second set of information are obtained using a digital
- 3 camera.

- 1 20. The digital image as in Claim 13, wherein the first set of information
- 2 and the second set of information are obtained using a digital
- 3 film processing system.

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1 21. A method comprising:
2 illuminating an image;
3 recording at least one digital representation of the image;
4 selecting, from the at least one digital representation, a first set of
5 information representing a portion of the image;
6 selecting, from the at least one digital representation, a second set of
7 information representing the portion of the image, the second
8 set of information being different from the first set of
9 information;
10 generating, from one of the first set of information and the second set
11 of information, a shepherd artifact representing an image
12 artifact with a higher degree of quality;
13 generating, from the other of the first set of information and the second
14 set of information, a sheep artifact representing the image
15 artifact with a lesser degree of quality; and
16 altering the sheep artifact using the shepherd artifact to improve the
17 degree of quality with which the sheep artifact represents the
18 image artifact.

1 22. The method as in Claim 21, wherein altering includes performing a
2 Fourier transform analysis on the first set of
3 information and the second set of information.

1 23. The method as in Claim 22, wherein altering further includes using a
2 phase of the set of information representing the artifact to a
3 higher degree of quality to adjust a phase of the set of
4 information representing the artifact to lesser degree of quality.

1 24. The method as in Claim 23, wherein altering further includes using a

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1 magnitude of the set of information representing the artifact to
2 a higher degree of quality to adjust a magnitude of the set of
3 information representing the artifact to lesser degree of quality.

1 25. The method as in Claim 21, wherein the first set of information and the
2 second set of information are digital representations of analog
3 images.

1 26. The method as in Claim 21, wherein the first set of information and the
2 second set of information are obtained using a scanner.

1 27. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a digital film
3 development system.